

**WASHINGTON STATE DEPARTMENT OF HEALTH  
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

**ANNUAL GROWING AREA REVIEW**

**PREPARED BY:** Donald J. Melvin Environmental Specialist

**AREA:** McMicken Island

**YEAR ENDING:** December 31, 2005

**CLASSIFICATION:** Approved

**ACTIVITIES IN THE GROWING AREA IN 2005:**

McMicken Island was sampled a minimum of 6 times during 2005 in accordance with the NSSP systematic random sampling criteria.

**ANALYTICAL RESULTS OF WATER SAMPLES:**

Table #1 summarizes the results of the most recent 30 water samples collected from the area. This summary shows that all stations pass the NSSP approved water quality standard. Sampling stations #657 and #658, located along the shoreline of Heron Island, have been removed from the McMicken Island shellfish area and assigned to the newly formed West Key Peninsula Shellfish area.

**CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:**

We currently have no information indicating that the area has new sources of pollution.

**CLASSIFICATION STATUS:**

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

**REMARKS AND RECOMMENDATIONS:**

Water quality and pollution source information indicated that the Mc Micken Island shellfish area is correctly classified as "approved".

## TABLE 1

### SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **MC MICKEN ISLAND**

Classification: **Approved,Unclassified**

From **04/04/2001** To **12/08/2005**

### FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
216	Approved	30	1.7 - 220.0	2.5	10.0	Yes
217	Approved	30	1.7 - 33.0	2.2	5.0	Yes
220	Approved	30	1.7 - 350.0	2.2	8.0	Yes
634	Approved	50	1.7 - 13.0	1.9	3.0	Yes
635	Approved	50	1.7 - 70.0	1.9	4.0	Yes
218	Unclassified	30	1.7 - 4.5	1.8	2.0	Yes
219	Unclassified	30	1.7 - 6.8	1.8	2.0	Yes
221	Unclassified	30	1.7 - 4.5	1.9	3.0	Yes
664	Unclassified	31	1.7 - 13.0	1.9	3.0	Yes

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.



